UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STEUBENVILLE WEST QUADRANGLE
OHIO – WEST VIRGINIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW4 STEUBENVILLE 15' QUADRANGLE

Mapped, edited, and published by the Geological Survey
Revised in cooperation with State of Ohio agencies
Control by USGS, NOS/NOAA, and USCE

Topography by photogrammetric methods from aerial photographs taken 1954. Field checked 1958. Revised from aerial photographs taken 1966. Field checked 1968

Polyconic projection. 10,000-foot grid ticks based on Ohio coordinate system, north zone, and West Virginia coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 4 meters south and 16 meters west as shown by dashed corner ticks

The state boundary as shown represents the approximate position of the low water line as determined from U.S. Corps of Engineers Ohio River charts, surveyed 1913, and supplementary information

Ohio area ties within the Old Seven Ranges. Land lines based on the Ohio River Base

There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID AND 1985 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Revisions shown in purple and woodland compiled in cooperation with State of Ohio agencies from aerial photographs taken 1982 and other sources. This information not field checked. Map edited 1985

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, all weather, hard surface
Secondary highway, all weather, hard surface
Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather
U. S. Route
State Route

STEUBENVILLE WEST, OHIO – W. VA.
SW4 STEUBENVILLE 15' QUADRANGLE
40080-C6-TF-024

1968
PHOTOREVISED 1985
DMA 4864 I SW - SERIES V852